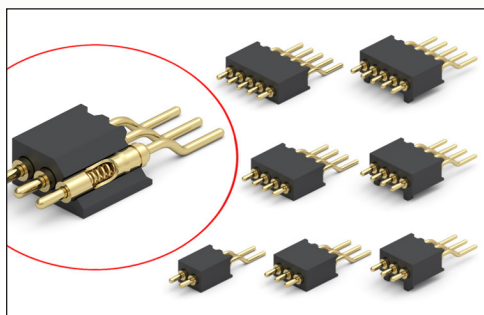


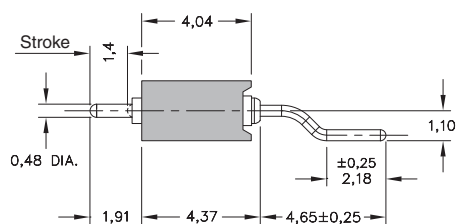
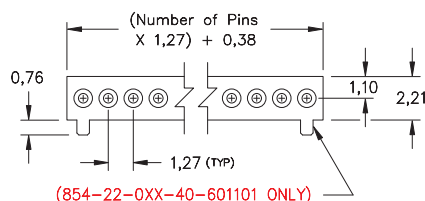
SPRING-LOADED CONNECTORS

SERIES 854 • 1,27 GRID Z-BEND SURFACE MOUNT • SINGLE ROW STRIPS

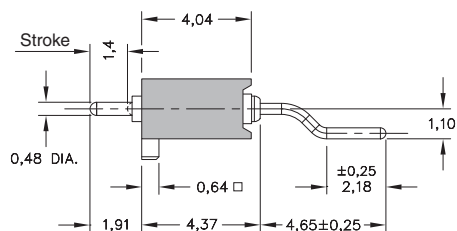


- Modular contacts for use on 1,27 grid, supplied in single row contact strips. Piston action is parallel to the board surface
- Precision-machined piston / base and gold-plated components assure up to 100,000 cycle life durability
- Pistons have a 0,7 mid. stroke & 1,4 max. stroke
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak
- High temperature thermoplastic insulators are suitable for surface mount soldering processes
- 854 series contact strips are designed for SMT termination onto printed circuit boards

SINGLE ROW Series 854



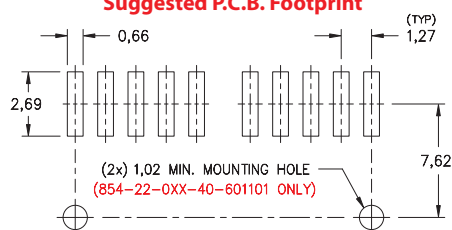
854 Series without Mounting Pegs



854 Series with Mounting Pegs

Coplanarity 0,13. For pin counts >20 positions, consult Technical Support.

Suggested P.C.B. Footprint



ORDERING INFORMATION

Series 854 without Mounting Pegs (Bulk Packaged)

854-22-0XX-40-001101

Specify number of contacts 01-20

Series 854 with Mounting Pegs (Bulk Packaged)

854-22-0XX-40-601101

Specify number of contacts 01-20

Series 854 with Mounting Pegs (Tape & Reel Packaged)

854-22-0XX-40-601191

Specify number of contacts 02 & 06

Technical Specifications

Materials:

Contact piston & base: Machined copper alloy plated 0,51 μ m gold over 2,54 μ m nickel
Spring: Beryllium copper-plated 0,25 μ m gold
Insulator: High temperature thermoplastic, rated UL94 V-0

Mechanical:

Spring force @ initial height: 25 grams
Spring force @ mid stroke (0,7): 60 grams
Durability: Up to 100,000 cycles

Electrical:

Voltage rating: 100Vrms/150Vdc
Current rating: 2A (continuous), 3A (peak) per contact
Contact resistance: 20m Ω max.
Insulation resistance: 10,000M Ω min.
Dielectric strength: 700Vrms min.
Capacitance: 1pF max.

RoHS-2
2011/65/EU

